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U.S. PATENT DOCUMENTS											
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				(Including Author, T			: <u>-</u>		4		
	1	Andrew S. Tanen Medium Access S	baum, <u>Comr</u>	outer Networks, 3ed, 19	996 Prentice	Hall, Chap	oter 4, "T	he			
				Resolution Algorithms	and Bandon	222224			┨		
	2			r Communication Syst			o, Unive	rsit a'			
		di Trieste, 1981 b	y CISM, Ud	ine, pp. 73-137.							
				ket Switching in Radi							
	3			heir Throughput-Dela n-23, No. 12, Decemb	•	•		ctio ns			
									┨		
	Ronald-L. Rivest, "Network Control by Bayesian Broadcast," IEEE Transaction on Information Theory, Vol. IT-33, No. 3, May 1987, pp. 323-328.										
	Phil Karn, "MACA - A New Channel Access Method for Packet Radio," 9th Computer										
	Ĺ	Networking Conf	erence, ARR	L/CRRL Amateur Rac	dio, 1990, pp	. 134-14 0.					
Examiner	1	ANG TUN		Date Considered	2/2/04	C]		
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<u> </u>	<u> </u>	Vaduvur-Bharghavan et al., "MA	January 2, 2002	Unas	ssigned		
6	5	Computer Communication Revie					
	,	The Bluetoeth Special Interest G	roup, Specification of the Bl	uetoo	th System, Version 1.1.		
7	'	February 22, 2001, pp. 41-47.					
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				U.S. PATENT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·		3	1
Examiner Initiats*	Cite No.1	U.S. Patent Docu	iment Kind Code ² (il known)	Name of Patentee or Applicant of Cited Document		class	-7	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TI	US1	6,473,414	B1	Hartley et al.	10/29/2002		-	
	US2	2002/0152324	A1	Sherman	10/17/2002	Ŷ	\uparrow	
	US3	6,343,071	B1	Lansford	01/29/2002	\prod	T	RECEIVED
	US4	6,078,591		Kalkunte	06/20/2000	\prod		NECEIVED
	US5	6,067,291		Kamerman et al.	05/23/2000			JUN 2 3 2003
	US6	2002/0061031		Sugar et al.	05/23/2002		I	Technology Center 2100
	US7	6,055,578		Williams et al.	04/25/2000	Ш		reciliology Certer 2100
	US8	5,999,818		Gilbert et al.	12/07/1999	II		
	US9	5,987,033		Boer et al.	11/16/1999	$\llbracket \rrbracket$	Γ	
	US10	5,892,769		Lee	04/06/1999	M		
	US11	5,852,723		Kalkunte et al.	12/22/1998	\prod	T	
	US12	5,852,405		Yoneda et al.	12/22/1998	\prod	Ţ	
	US13	5,828,663		lkegami	10/27/1998	M	T	
	US14	5,682,381		Sekihata et al.	10/28/1997	\prod	1	
	US15	5,644,576		Bauchot et al.	07/01/1997	П	1	
	US16	5,636,223		Reardon et al.	06/03/1997	M	7	
	US17	5,416,780		Patel	05/16/1995	₩	T	
	US18	5,355,375		Christensen	10/04/1994	∭	1	
	US19	5,353,287		Kuddes et al.	10/04/1994	₩	1	
	US20	5,329,531		Diepstraten et al.	07/12/1994	₩	1	
1	US21	5,185,739		Spear	02/09/1993	N	1	
T.O	US22	5,142,533		Crisler et al.	08/25/1992	Ħ	Ã	

	FOREIGN PATENT DOCUMENTS										
Examiner	Cite		Foreign Patent Document		Name of Pate	entee or Applicant	Date of Publication	Pages, Columns, Lines, Where			
Initials* No.1		Office ³ Number Kind (if known) Code ³			of Cited Document		of Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	יד		
T.D	F1		WO 03/039054	A2	AT&T Corp.		05/08/2003				
7:0	F2		EP 0994604	A 2	Lucent Techn	ologies, Inc.	04/19/2000				
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*EXAMINEN: initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered, inicitate copy of this form with next communication to applicant.

**Unique citation designation number. **See attached Kinds of U.S. Patent Documents **Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). **For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Examiner Patent Number Publication Name Class Sub-Class Filing Date Patent Number Publication Name Class Sub-Class Filing Date Name Class Sub-Class Translation Name Class Sub-Class Translation Name Class Sub-Class Translation Name Nam	PR 0 9 2002	5 /		TION	2455-4677US1 Applicant: Benveniste	10/032	,507			
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FOREIGN PATENT-DOCUMENTS: FOREIGN PATENT-DOCUMENTS Translation	Examiner Initial		1		Name	Class	Sub-Class	Filing Date		
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OTHER DOCUMENTS (continued) Yes N Yes	Examiner Initial		Publication	<i>1</i>						
OTHER DOCCOMENTS (continued) "Amendment - Radio Equipment and Systems (RES); HIgh PErformance Radio Local Area Network (HIPERLAN) Type 1; Functional Specification", ETSI, ETS 300 652, May 1997, pp. 1-21. "Broadband Radio Access Network (BRAN); HIPERLAN Type 2; System Overview", ETSI, ETSI TR 101 683 V1.1.1 (2000-02), Technical Report, pp. 1-19. "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1-16 slides 1-6. White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1-18. Miller: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Draw inc through citation if not in conformance and not considered.		- Transcr	Date		Country	Class	Sub-Class	☐ Yes ☐ No		
Type 1; Functional Specification", ETSI, ETS 300 652, May 1997, pp. 1-21. **Type 1; Functional Specification", ETSI, ETS 300 652, May 1997, pp. 1-21. **Broadband Radio Access Network (BRAN); HIPERLAN Type 2; System Overview", ETSI, ETSI TR 101 683 V1.1.1 (2000-02), Technical Report, pp. 1-19. **Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. **Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/70, May 1993, pp. 1-16 slides 1-6. **White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1-16 slides 1-11 & 1-23. **Diepstraten et al. "Wireless Access Method and Physical Specifications", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. **Date Considered										
THER DOCUMENTS (continued) "Amendment - Radio Equipment and Systems (RES); HIgh PErfortmance Radio Local Area Network (HIPERLAN) Type 1; Functional Specification", ETSI, ETS 300 652, May 1997, pp. 1-21. "Broadband Radio Access Network (BRAN); HIPERLAN Type 2; System Overview", ETSI, ETSI TR 101 683 V1.1.1 (2000-02), Technical Report, pp. 1-19. "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/70, May 1993, pp. 1-16 slides 1-6. White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1-18. Diepstraten et al. "Wireless Access Method and Physical Specifications", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered										
Type 1; Functional Specification", ETSI, ETS 300 652, May 1997, pp. 1-21. "Broadband Radio Access Network (BRAN); HIPERLAN Type 2; System Overview", ETSI, ETSI TR 101 683 V1.1.1 (2000-02), Technical Report, pp. 1-19. "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/70, May 1993, pp. 1-16 White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1-16 White, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered Date Considered Date Considered Date Considered Date Considered Date Considered Draw line through citation if not in conformance and not considered.				,				☐ Yes ☐ No		
"Amendment - Radio Equipment and Systems (RES); HIgh PErforrmance Radio Local Area Network (HIPERLAN) Type 1; Functional Specification", ETSI, ETS 300 652, May 1997, pp. 1-21. "Broadband Radio Access Network (BRAN); HIPERLAN Type 2; System Overview", ETSI, ETSI TR 101 683 V1.1.1 (2000-02), Technical Report, pp. 1-19. "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/70, May 1993, pp. 1-16 slides 1-6. White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1-16 8. Diepstraten et al. "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered.										
"Amendment - Radio Equipment and Systems (RES); HIgh PErforrmance Radio Local Area Network (HIPERLAN) Type 1; Functional Specification", ETSI, ETS 300 652, May 1997, pp. 1-21. "Broadband Radio Access Network (BRAN); HIPERLAN Type 2; System Overview", ETSI, ETSI TR 101 683 V1.1.1 (2000-02), Technical Report, pp. 1-19. "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/70, May 1993, pp. 1-16 slides 1-6. White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1-16 8. Diepstraten et al. "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered.			OĪ	 HER DO	CUMENTS (continued)					
"Broadband Radio Access Network (BRAN); HIPERLAN Type 2; System Overview", ETSI, ETSI TR 101 683 V1.1.1 (2000-02), Technical Report, pp. 1-19. "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/70, May 1993, pp. 1-16 slides 1-6. White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 1 8. Diepstraten et al. "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered	<u> 1 1 1</u>		Radio Equipment a	nd Systen	ns (RES); High PErformance	Radio Local	Area Network	(HIPERLAN)		
"Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) Layer; Part 4: Extension for Home Environment" ETSI, ETSI TS 101 761-4 V1.2.1 (2000-12), pp. 1-125. Diepstraten, "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-93/70, May 1993, pp. 1-16 slides 1-6. White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 18. Diepstraten et al. "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered Date Considered Date Considered Date C		"Broadband Rad	io Access Network	k (BRAN)); HIPERLAN Type 2; System		ETSI, ETSI T	R 101 683		
Slides 1-6. White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 18. Diepstraten et al. "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered Date Considered Date Conside	Tin	"Broadband Rad	io Access Network	ks (BRAN	i); HIPERLAN Type 2; Data I			Part 4:		
White, "Wireless Access Method and Physical Layer Specifications", IEEE, IEEE P802.11-93/159, Sept. 1993, pp. 18. Diepstraten et al. "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered Date Considered Date Co		Diepstraten, "Wi						1993, pp. 1-16,		
Diepstraten et al. "Wireless Access Method and Physical Specification", IEEE, IEEE P802.11-94/150, Jul. 1994, pp. 1-12, slides 1-11 & 1-23. Date Considered Date Considered Date Considere		slides 1-6.								
AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered.			. "Wireless Access	Method :	and Physical Specification", IE	EEE, IEEE P8	302.11-94/150,	Jul. 1994, pp.		
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS									
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T-V	PA1	BONONI L., CONTI, M., and GREGORI, E., "Design and Performance Evaluation of an Asymptotically Optimal Backoff Algorithm for IEEE 802.11 Wireless LANs", Proceedings of the 33 rd Hawaii International Conference on System Sciences - 2000, Jan. 04-07, 2000, pp 1-10.							
TOD	PA2	DENG, Dr-Jiunn and CHANG, Ruay-Shiung, "A Priority Scheme for IEEE 802.11 DCF Access Method", <u>IEICE Trans. Commun.</u> , Jan. 1999, Vol. E82-B., No. 1, PP 96-102							
100	PA3	IEEE Std 802.11, "Local and Metropolitan Area Networks", 1997, pg 92.							
		JUN 2 3 2003 Technology Center 2100							
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